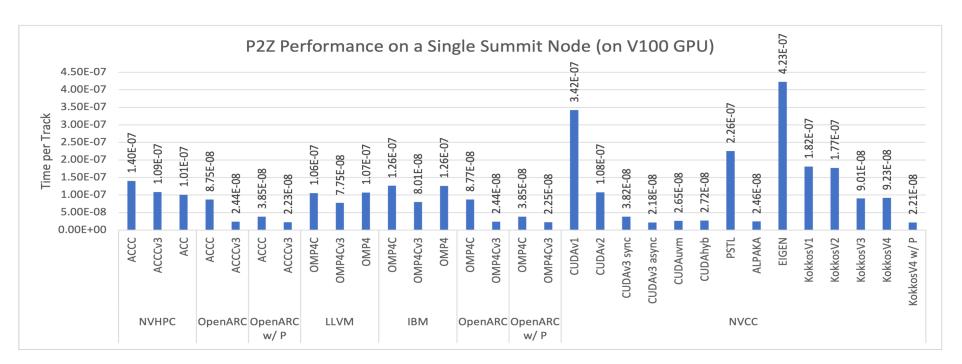
P2Z GPU Version Performance on Summit

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- ACCC: OpenACC C sync version
- ACCCv3: OpenACC C async version
- ACC: OpenACC C++ sync version
- **OMP4C**: OpenMP4 C sync version
- **OMP4Cv3**: OpenMP4 C async version
- **OMP4**: OpenMP4 C++ sync version

- CUDAv1: CUDA unified memory version (no shared memory)
- **CUDAv2**: CUDA sync version (no shared memory)
- CUDAv3 sync: CUDA V3 sync version
- CUDAv3 async: CUDA V3 async version
- **CUDAuvm**: CUDA unified memory version
- CUDAhyb: hybrid CUDA version with UVM

Compilers: NVHPC (V22.5), OpenARC (V0.73), LLVM (V15.0), IBM (V16.1.1), and NVCC (V11.0) (w/P: with host memory prepinning) (All CUDA versions are w/P)

- **PSTL**: C++ parallel STL
- ALPAKA:
- EIGEN:
- KokkosV1: CUDA unified memory
- KokkosV2: same patterns as KokkosV1 but with explicit memory transfers
- KokkosV3: same patterns as CUDAv3 sync but w/o host memory prepinning
- KokkosV4: same patterns as CUDAv3 async version